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Dated: 4 Nov 05

Signature: Leanne M. DiGiorgio

Docket No.: HTS-035DV  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Douglas-Hamilton, D. H.

Application No.: 10/635872

Group Art Unit: 2828

Filed: August 5, 2003

Examiner: Vannucci, J.

For: Method for Calculating and Displaying the  
Isothermal Contours Produced by a Laser

**DECLARATION UNDER 37 C.F.R. § 1.132**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Kingdom. 3 Nov 05

I, Diarmaid H. Douglas-Hamilton, a citizen of the United States, residing at 729 Cabot Street, Beverly, Massachusetts, hereby declare as follows:

(1) I am the sole inventor of the subject matter described and claimed in the above-identified application.

(2) I am also co-author with Jerome Conia of an article entitled "Thermal effects in laser-assisted pre-embryo zona drilling" which was published in *the Journal of Biomedical Optics*, vol. 6(2):201-213, hereinafter, "the publication."

(3) The work described in the publication is my own work. In addition, to the extent that the work described in the publication falls within the scope of the claims in the above-identified application, Jerome Conia provided only technical assistance.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

3 Nov 2005  
Date

Diarmaid H. Douglas-Hamilton  
Diarmaid H. Douglas-Hamilton